

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought in the invention entitled BRANCH MIGRATION OF NUCLEOTIDES, the specification of which

(check one) ☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PGT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Serie I. Mosoff (Reg. No. 25,900)

Elaine P. Brenner (Reg. No. 29,517) and Ronald Fedus (Reg. No. 32, 567)

Address all telephone calls to Serie I. Mosoff at telephone no. (212) 337-3355

Address all correspondence to Serie I. Mosoff, Corporate Counsel

Enzo Biochem, Inc.

345 Hudson Street

New York, New York 10014

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor James G. Wetmur

Inventor's signature James G. Wetmur Date 3/23/90

Residence 994 Post Road Citizenship USA

Post Office Address (same as above)

Scarsdale, New York 10583

Full name of second joint inventor, if any Robin S. Quartin

Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 90 Mayfield Rd. Citizenship USA

Post Office Address (same as above)

Bedminster, New Jersey 07921

## DECLARATION FOR PATENT APPLICATION

Docket No. Enz-49

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, ~~first~~ joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled BRANCH MIGRATION OF NUCLEOTIDES, the specification of which

(check one) ☒ is attached hereto.

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and was amended on \_\_\_\_\_ (if applicable).

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Prior Foreign Application(s)			Priority Claimed	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

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(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Serle I. Mosoff (Reg. No. 25,900)Elaine P. Brenner (Reg. No. 29,517) and Ronald Fedus (Reg. No. 32, 567)Address all telephone calls to Serle I. Mosoff at telephone no. (212) 337-3355Address all correspondence to Serle I. Mosoff, Corporate CounselEnzo Biochem, Inc.345 Hudson StreetNew York, New York 10014

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor James G. Wetmur

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 994 Post Road Citizenship USAPost Office Address (same as above)Scarsdale, New York 10583Full name of second joint inventor, if any Robin S. QuartinSecond Inventor's signature Robin S. Quartin Date March 26, 1990Residence 90 Mayfield Rd. Citizenship USAPost Office Address (same as above)Bedminster, New Jersey 07921



Full name of third joint inventor, if any Dean L. Engelhardt  
Third inventor's signature Dean L. Engelhardt Date March 23, 1990  
Residence 173 Riverside Dr. Citizenship USA  
Post Office Address (same as above)  
New York, New York 10025

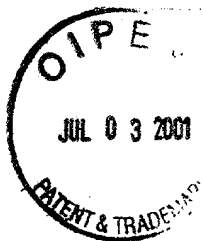
Full name of fourth joint inventor, if any \_\_\_\_\_  
Fourth inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of fifth joint inventor, if any \_\_\_\_\_  
Fifth inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of sixth joint inventor, if any \_\_\_\_\_  
Sixth inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of seventh joint inventor, if any \_\_\_\_\_  
Seventh inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of eighth joint inventor, if any \_\_\_\_\_  
Eighth inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): James G. Wetmur et al.  
Serial No.: 07/499,938 Group Art Unit: 1803  
Filing Date: March 26, 1990 Examiner: James O. Wilson

BRANCH MIGRATION OF NUCLEOTIDES

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

SUBSTITUTE POWER OF ATTORNEY

Dear Sir:

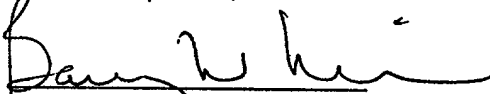
Enzo Therapeutics, Inc., a corporation of the State of New York, having its principal place of business at 60 Executive Boulevard, Farmingdale, New York, 11735, the owner of the entire right, title and interest in and to the above-identified application and the invention disclosed and/or claimed therein, hereby revokes any and all powers of attorney previously granted herein and appoints as principal attorney, Ronald C. Fedus (Reg. No. 32,567) with full power of substitution and revocation, to prosecute this application, to make alterations and amendments herein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Please address all communications to:

Ronald C. Fedus, Patent Counsel  
Enzo Biochem, Inc.  
575 Fifth Avenue (18th Floor)  
New York, New York 10017

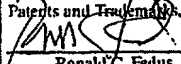
and direct all telephone calls regarding this application to Ronald C. Fedus at telephone no. (212) 856-0876.

Enzo Therapeutics, Inc.

  
Barry W. Weiner  
Executive Vice-President

November 19, 1992  
Date

Enz-49

EXPRESS MAIL CERTIFICATE	
"Express Mail" Label No.	GB080540328US
Deposit Date	NOVEMBER 20, 1992
I hereby certify that this paper and the attachments herein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington DC 20231	
 Ronald C. Fedus	11/20/92 Date